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BLASTER'S HANDBOOK

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This little handbook was prepared for the purpose of acquainting workmen with explosives, their handling and effective use. It is also to serve as a manual for blasters who have had special training in the use of explosives. The safety procedures described in the book are taken from "Safety Instructions for Blasting in Construction Work" (Stroivizdat Narkomstroya, 1945).

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1. Explosives

- (a) Black powder
- (b) Dynamites
- (c) Ammonite (ammonium nitrate with TNT or xylol)
- (d) Dynammons (ammonium nitrate with non-exploding fuels)
- (e) Ammonium nitrate
- (f) Trinitrotoluene (TNT)
- (g) Teteryl
- (h) Picric acid
- (i) Amatol
- (j) French or Russian mixtures (Picric acid and dinitronaphthalene)

2. Exploding Agents

- (a) Priming caps
- (b) Bickford (safety) fuse
- (c) Electric detonatar

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3. Transportation and Handling of Explosives
4. Storage and Delivery of Explosives
5. Charging Cartridges
6. Boring Blast Holes
7. Charging and Stemming Blast Holes
8. Exploding the Charges
9. Fired Explosion
10. Electric Explosion
11. Blasting Fuse
12. Liquidation of Failures

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